

Title (en)

GRINDING MACHINE AND METHOD FOR PROCESSING A SWEEP EDGE OF A ROTOR BLADE

Title (de)

SCHLEIFMASCHINE SOWIE VERFAHREN ZUM BEARBEITEN EINER ANSTREIFKANTE EINER LAUFSCHAUFEL

Title (fr)

MACHINE DE MEULAGE ET PROCÉDÉ D'USINAGE D'UN BORD DE FROTTEMENT D'UNE AUBE

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Application

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Abstract (en)

[origin: WO2016156080A1] The invention relates to a grinding machine (1) for processing a sweep edge (2) of a rotor blade (3), comprising a grinding unit (4) with a driven grinding tool (5), a workpiece receiving device (6) which is designed for receiving a rotor blade (3) to be ground, and a workpiece drive unit (7) which is configured for moving the workpiece receiving device (6), with a rotor blade (3) received thereon, relative to the grinding tool (5) for the purpose of machining the sweep edge (2), wherein the workpiece drive unit (7) has a pivot axis (28) at which the workpiece receiving device (6) is held in such a way that the sweep edge (2) of a rotor blade (3) received thereon is engaged with the grinding tool (5) in the course of a pivot movement of the workpiece receiving device (6) about the pivot axis (28). Furthermore, the invention relates to a method for processing a sweep edge (2) of a rotor blade (3), in particular using a grinding machine (1) according to the invention.

IPC 8 full level

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